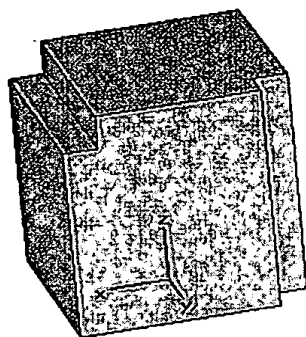
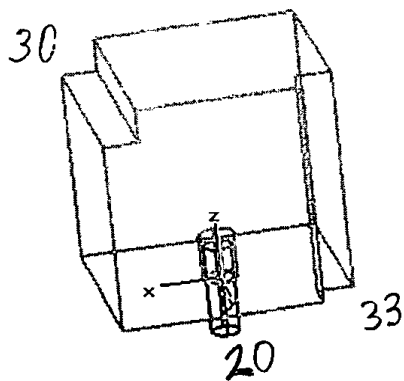


FOUO 92E/8660



10

(a)



10

33

20

x

z

(b)

Figure 1.

0987376-11401  
FOI b7E b6 b7C

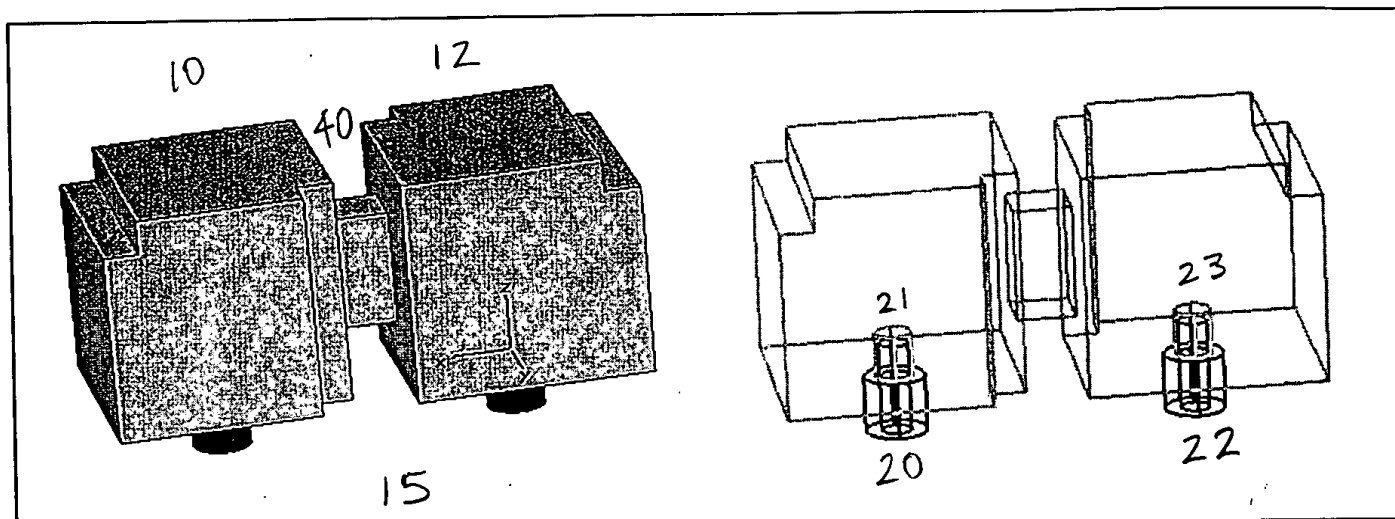


Figure 2.

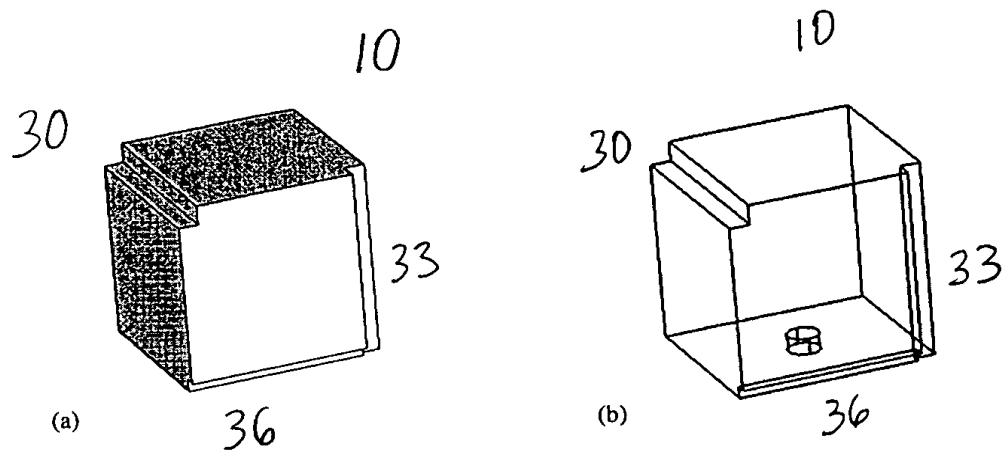


Figure 3.

09987376-111401

09987376-111401

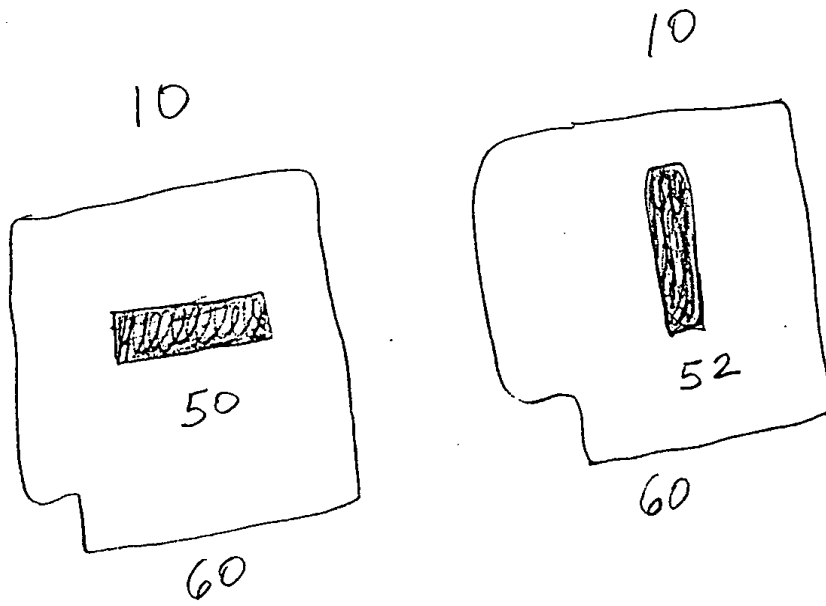
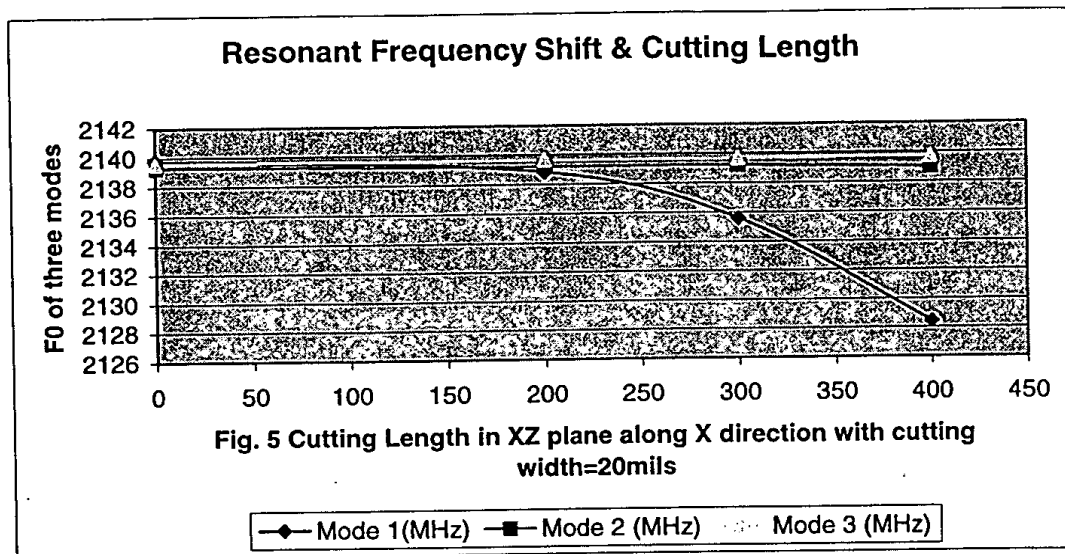


Figure 4

09987376-11441  
FOUO-92E28660



FOHFF-9/E/8660

### Resonant Frequency Shift & Cutting Length

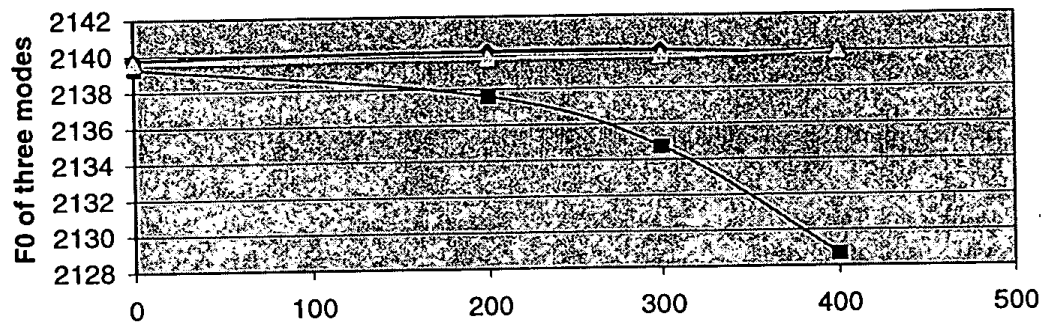


Fig. 6 Cutting Length in XY plane along X direction with cutting width=20mils

Mode 1 (MHz) Mode 2 (MHz) Mode 3 (MHz)

09987376-11401  
FOHFF-9/E/8650

### Resonant Frequency Shift & Cutting Length

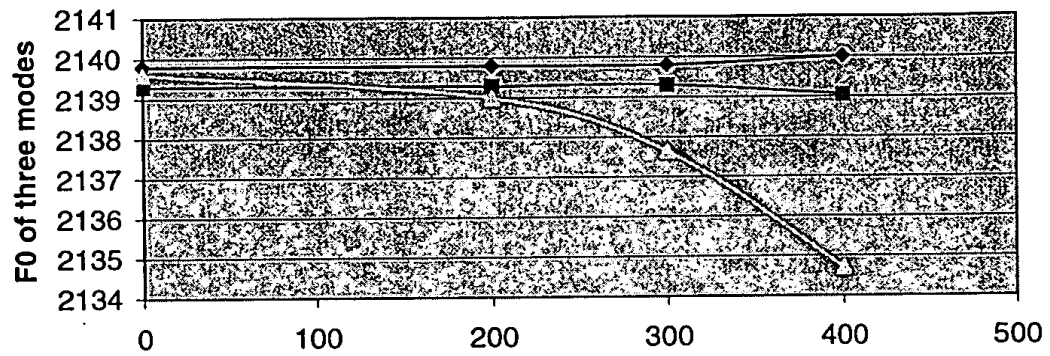


Fig. 7 Cutting Length in XY plane along Y direction with cutting width=20mils

◆ Mode 1(MHz)    ■ Mode 2 (MHz)    ▲ Mode 3 (MHz)

09987376-11401

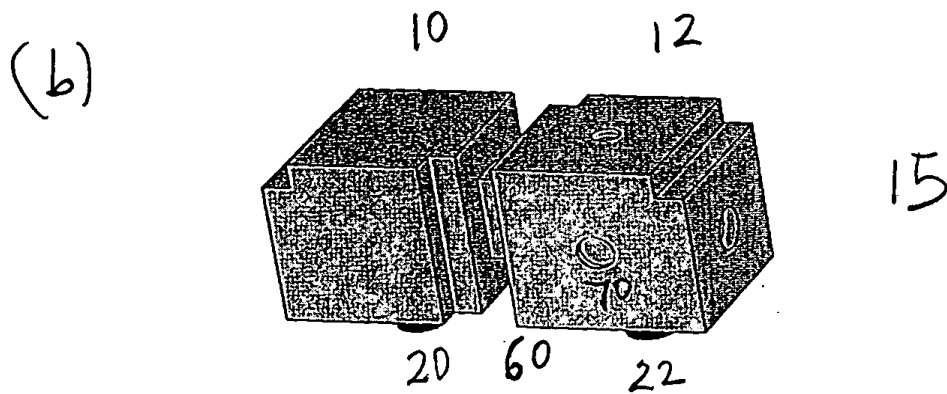
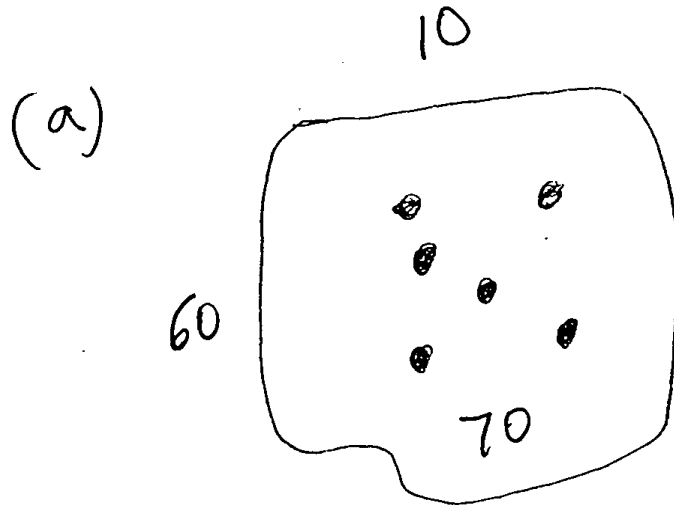


Figure 8



09987376 11401  
FOH TTT " 9ZEZ8660

### Resonant Frequency Shift & Cutting Numbers

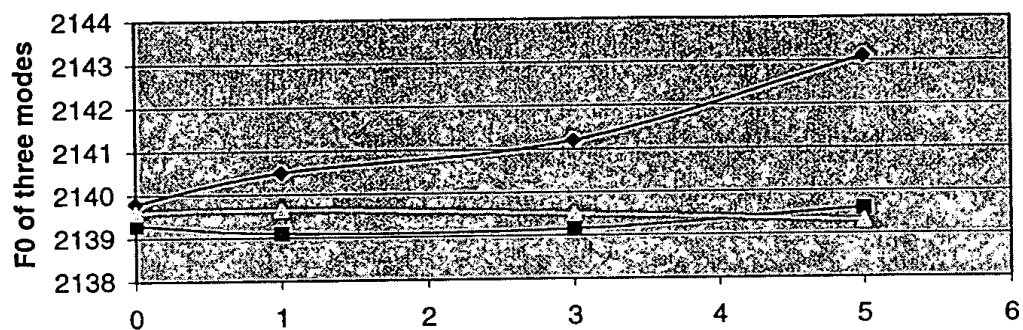
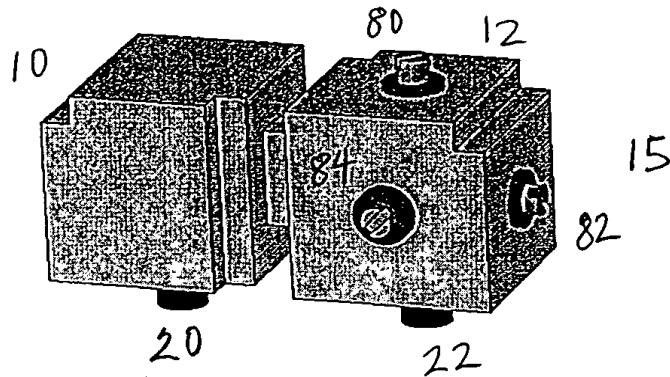


Fig. 9 Number of Circles Cutting in XY plane with cutting diameter=40mils

—◆— Mode 1(MHz) —■— Mode 2 (MHz) —▲— Mode 3 (MHz)

(a)



(b)

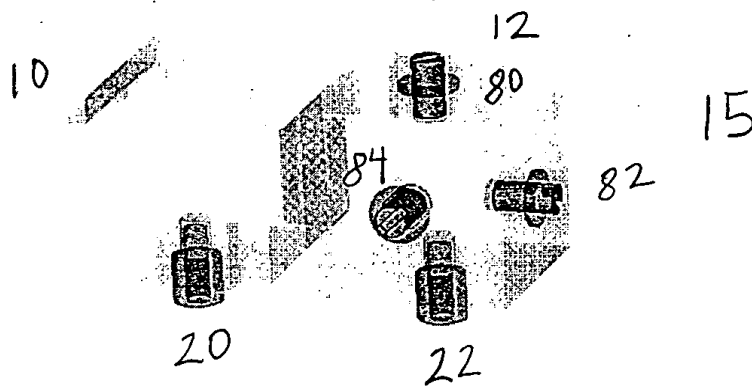


Figure 10.

09987376-111401

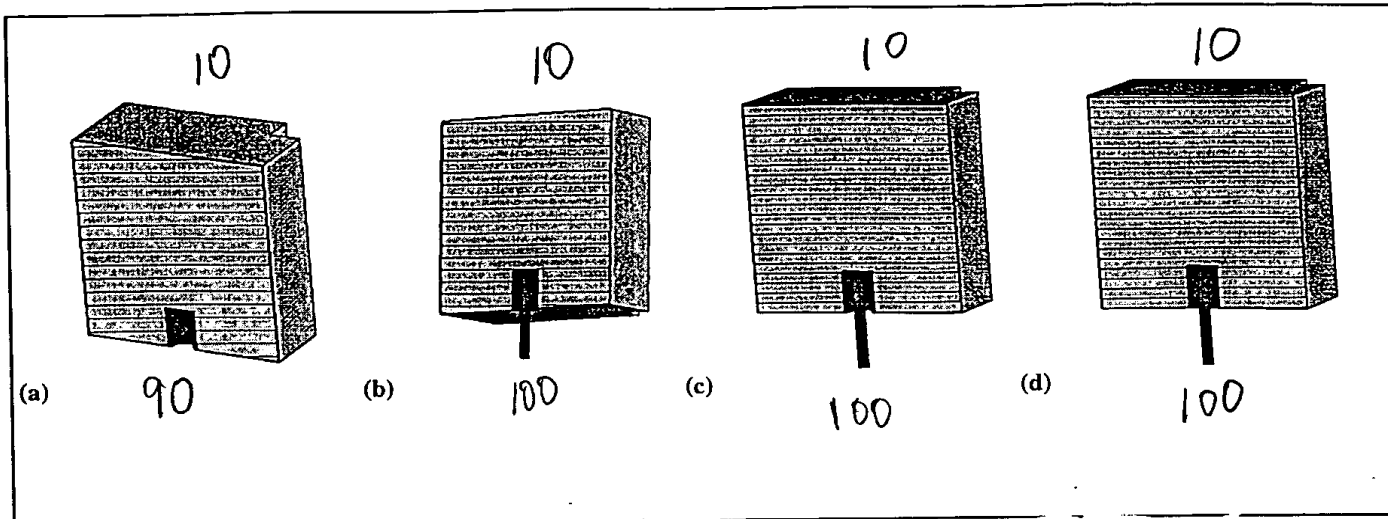


Figure 11.

09987376-111401

09987376-111401

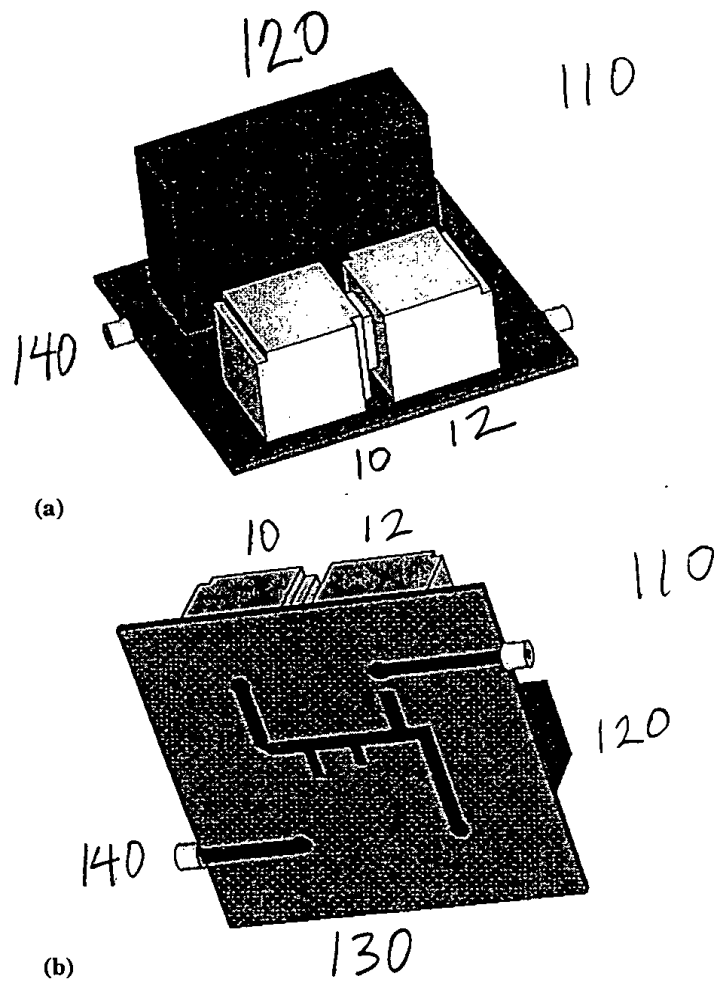


Figure 12.

09987375 . 11401  
T04TTT 9ZE28660

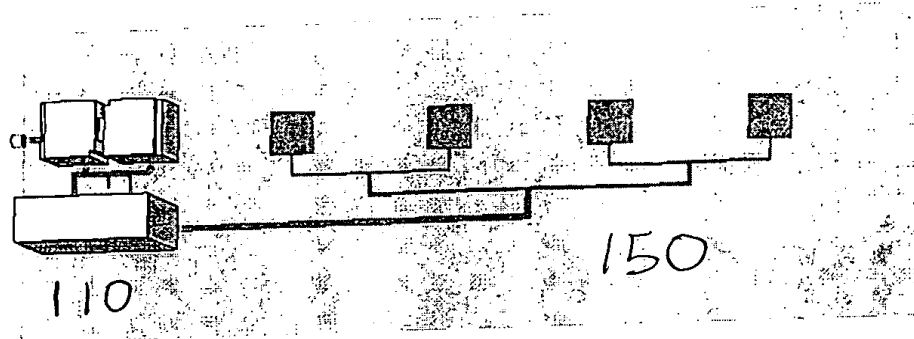
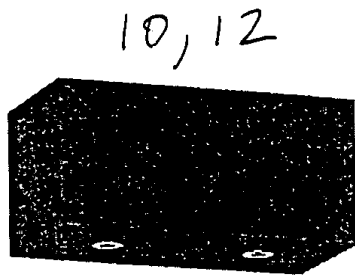
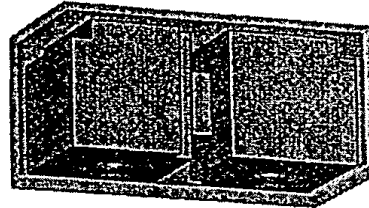


Figure 13.



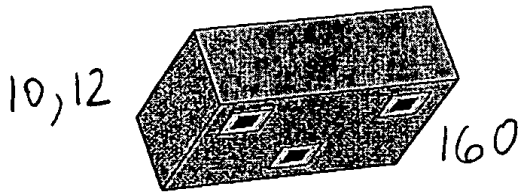
a)

160



(b)

160



(c)

Figure 14.

09987376 "111401

0088737-1144  
"TFTT" 94E28660

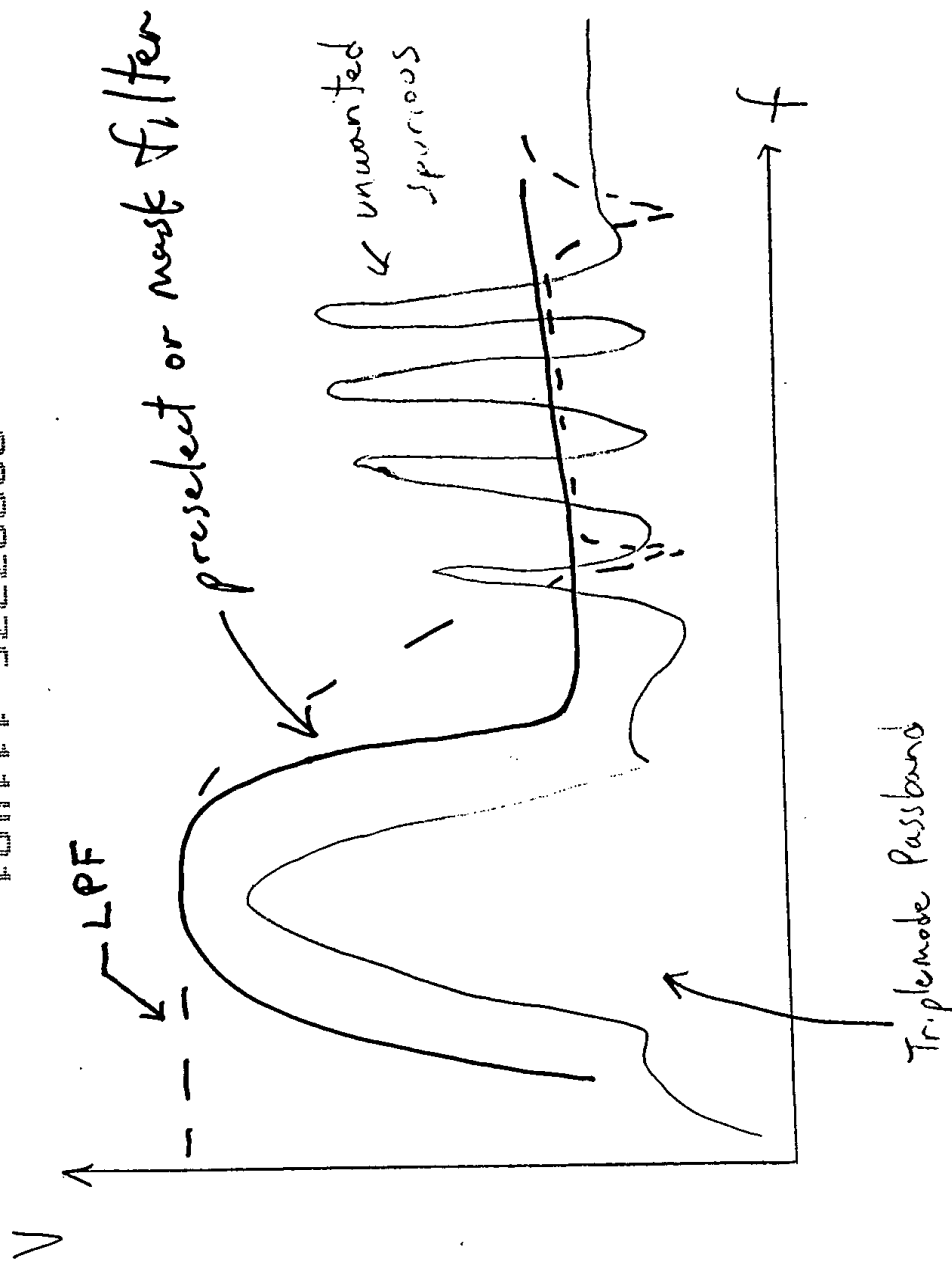


Figure 15

09987376-111401

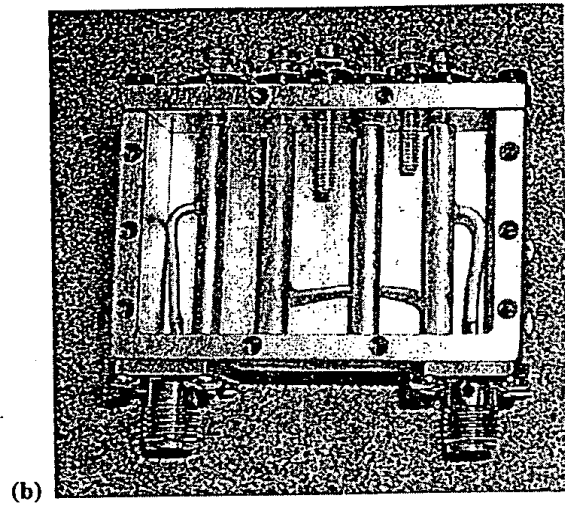
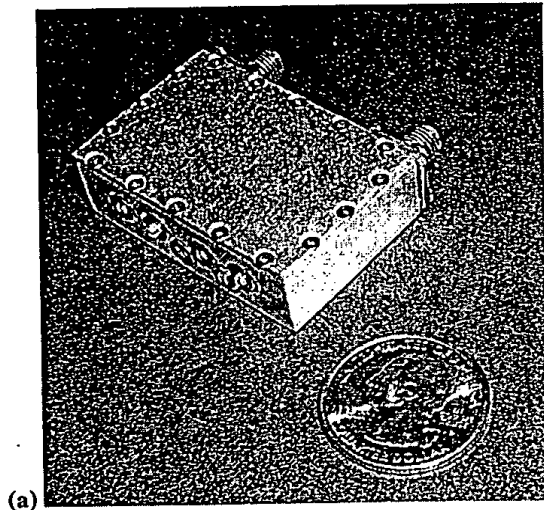


Figure 16.